

**APPENDIX A  
DRIVER'S LOG  
REPRESENTATIVE SSVR DATA**

### DURABILITY OPERATIONS DRIVER LOG

PROJECT NUMBER - \_\_\_\_\_ Shift Test miles / Cycles \_\_\_\_\_  
Total Test Miles / Cycles \_\_\_\_\_  
Percent Complete \_\_\_\_\_

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#### Vehicle Operator's Report

Operator No. \_\_\_\_\_ Odom. Finish: \_\_\_\_\_ Time Finish: \_\_\_\_\_ (Military)  
Name \_\_\_\_\_ Odom. Start: \_\_\_\_\_ Time Start: \_\_\_\_\_ (Military)  
Date \_\_\_\_\_ Shift: 1 2 Payload : \_\_\_\_\_  
Towed (Circle) Yes No

#### Fuel Consumption Data

Fuel added: \_\_\_\_\_ Gallons @ Odom \_\_\_\_\_ Location \_\_\_\_\_  
Fuel added: \_\_\_\_\_ Gallons @ Odom \_\_\_\_\_ Location \_\_\_\_\_  
Fuel added: \_\_\_\_\_ Gallons @ Odom \_\_\_\_\_ Location \_\_\_\_\_

#### Operator's Pre-Shift Inspection Report

Fill Out Completely

##### A. Engine Compartment (circle):

1. Coolant Level	Full	Amount Added	_____
2. Engine Oil Level	Full	Amount Added	_____
3. Transmission	Full	Amount Added	_____
4. Drive Belt (tension)	OK	REPAIR NEEDED	
5. Hoses (chafing, etc.)	OK	REPAIR NEEDED	
6. Steering Fluid Level	Full	Amount Added	_____
7. Brake Fluid	Full	Amount Added	_____
8. Oil Leaks	None	Class I	Class II Class III
Description _____			
9. Coolant Leaks	None	Class I	Class II Class III
Description _____			

Total Operating Time \_\_\_\_\_ SSVR Total Time \_\_\_\_\_ SSVR Total Miles \_\_\_\_\_

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**Operator's Pre-Shift Inspection Report (continued)**  
**Fill Out Completely**

**B. Around Vehicle (circle):**

1. Body Damage	OK	REPAIR MAY BE NEEDED
2. Wheels & Tires	OK	REPAIR MAY BE NEEDED
3. Wheel nuts	OK	REPAIR MAY BE NEEDED
4. Windshield	OK	REPAIR MAY BE NEEDED
5. Windshield Wipers	OK	REPAIR MAY BE NEEDED
6. Exhaust system	OK	REPAIR MAY BE NEEDED
7. Chassis	OK	REPAIR MAY BE NEEDED
8. Steering linkages	OK	REPAIR MAY BE NEEDED
9. Camouflage (if used)	OK	REPAIR MAY BE NEEDED

Description if not OK \_\_\_\_\_

**C. Tire Pressures - As specified on Route Log (inside/outside where applicable)**

<u>Front Axle</u>	LEFT	RIGHT
Start PSIG	_____	_____
End (hot) PSIG	_____	_____

<u>Rear Axle (or Axle #2)</u>	LEFT (inside/outside)	RIGHT (inside/outside)
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Start PSIG	_____	_____
End (hot) PSIG	_____	_____

<u>Axle #3</u>	LEFT (inside/outside)	RIGHT (inside/outside)
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Start PSIG	_____	_____
End (hot) PSIG	_____	_____

<u>Axle #4</u>	LEFT (inside/outside)	RIGHT (inside/outside)
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Start PSIG	_____	_____
End (hot) PSIG	_____	_____

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**Operator's Pre-Shift Inspection Report (continued)**  
**Fill Out Completely**

**Towed Load****Tire Pressures** - as specified on the route log (inside/outside where applicable)

<u>Front Axle</u>	LEFT (inside/outside)	RIGHT (inside/outside)
Start PSIG	_____	_____
End (hot) PSIG	_____	_____
<u>Rear Axle</u>	LEFT (inside/outside)	RIGHT (inside/outside)
Start PSIG	_____	_____
End (hot) PSIG	_____	_____

**D. Inside Vehicle (circle):**

	<b>0: Excellent</b>			<b>1: Acceptable</b>			<b>2: Unacceptable</b>		
Safety Equipment*	0	1	2	Transmission Shift	0	1	2		
Head Lamps, High*	0	1	2	Upholstery	0	1	2		
Head Lamps, Low*	0	1	2	Instruments	0	1	2		
Turn Signals*	0	1	2	Heater/Defroster	0	1	2		
Tail Lights*	0	1	2	SSVR	0	1	2		
Stop Lights*	0	1	2	Oil Pressure Gauge	0	1	2		
Instrument Lights 0	1	2		Battery Voltage 0	1	2			
Mirrors*	0	1	2	Horn*	0	1	2		
Brake Operation	0	1	2	Vehicle Leaks (Air/Dust)	0	1	2		
Air System Gauge	0	1	2	Warning Devices	0	1	2		

Asterisk (\*) identifies ICC Regulatory Item.

**If condition 1 or 2 is circled:**

Description \_\_\_\_\_

 \_\_\_\_\_  
 \_\_\_\_\_

**Do not drive vehicle until condition has been corrected or  
 Program Manager has authorized vehicle to continue testing.  
 Vehicle is not cleared to return to service until a proper repair  
 work order has been completed by maintenance technician.**

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**Operator's Subjective Response Report**  
**Fill Out Completely**

**Check during driving period (circle):**

- 5: Excellent  
 4: Satisfactory  
 3: Slight Discrepancy  
 2: Moderate Discrepancy  
 1: **Severe or Objectionable\***  
     **\* requires explanation**

**Vibration**

Tires	5	4	3	2	1
Drive Train	5	4	3	2	1

**Noise Level**

Drumming	5	4	3	2	1
Rattles	5	4	3	2	1
Tires	5	4	3	2	1
Transmission	5	4	3	2	1
Transfer Case	5	4	3	2	1
Engine	5	4	3	2	1
Engine Accessories	5	4	3	2	1

**Steering**

Wander	5	4	3	2	1
Hardness	5	4	3	2	1
Wheel Fight	5	4	3	2	1

**Brakes**

Pull	5	4	3	2	1
Grabbing	5	4	3	2	1
Pulsation	5	4	3	2	1

**Brake Pedal**

Hardness	5	4	3	2	1
Sponginess	5	4	3	2	1

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**Operator's Subjective Response Report (continued)**  
**Fill Out Completely**

**Transfer Case Shift Effort**

High Range					
In	5	4	3	2	1
Out	5	4	3	2	1
Low Range					
In	5	4	3	2	1
Out	5	4	3	2	1

**Transmission Shift Quality**

Upshifts					
In	5	4	3	2	1
Out	5	4	3	2	1
Downshifts					
In	5	4	3	2	1
Out	5	4	3	2	1
Shiftpoints(Automatic)					
In	5	4	3	2	1
Out	5	4	3	2	1
Responsiveness (Automatic)					
In	5	4	3	2	1
Out	5	4	3	2	1
Torque Converter Lock-up (Automatic)					
In	5	4	3	2	1
Out	5	4	3	2	1

**Lights**

Headlights	5	4	3	2	1
Dash (Visibility)	5	4	3	2	1
Dash (Brightness)	5	4	3	2	1

**Interior**

Seal (Dust)	5	4	3	2	1
Visibility	5	4	3	2	1
Seat Bottom Comfort	5	4	3	2	1
Seat Back Comfort	5	4	3	2	1
Doors, Open & Close	5	4	3	2	1
Windows, Open & Close	5	4	3	2	1

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Front, Ride Quality	5	4	3	2	1
Front, Bottoming	5	4	3	2	1
Rear, Ride Quality	5	4	3	2	1
Rear, Bottoming	5	4	3	2	1

[illegible]

**BEFORE CHANGING A FLAT TIRE, ALL DRIVERS MUST CALL DISPATCH  
BEFORE CHANGING TIRE AND CALL AGAIN WHEN DONE  
AND VEHICLE IS BACK IN SERVICE. NO EXCEPTIONS!**

A-7



**Operator's Post-Shift Inspection Report**  
**Fill Out Completely**

**Check after Driving (circle):**

Fuel Tank Filled during shift	Yes	No	
Condition of Vehicle Inside	Dirty	Clean	Damaged
Condition of Vehicle Outside	Dirty	Clean	Damaged
Condition of Vehicle Underneath	OK	Leaks	Damaged
Condition of Vehicle Instruments	OK	NEEDS ATTENTION	
Condition of Vehicle Lights	OK	NEEDS ATTENTION	
Condition of Vehicle Controls	OK	NEEDS ATTENTION	
Condition of Other	OK	NEEDS ATTENTION	

If other than OK is circled, explain condition

**(Red tag the vehicle as necessary and mark on the sign out board for the next driver's information. Inform Test Operations Supervisor or Dispatch of condition.)**

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**Repairs or adjustments required during operator's shift**

Item repaired or adjusted \_\_\_\_\_  
 Reason for repair or adjustment \_\_\_\_\_  
 Repaired by (print last name) \_\_\_\_\_  
 Odom. miles at time of repair/adjustment \_\_\_\_\_  
 Test Course run at time of repair/adjustment \_\_\_\_\_  
 Vehicle downtime caused by repair/adjustment \_\_\_\_\_ Hrs. \_\_\_\_\_ Mins.

Item repaired or adjusted \_\_\_\_\_  
 Reason for repair or adjustment \_\_\_\_\_  
 Repaired by (print last name) \_\_\_\_\_  
 Odom. miles at time of repair/adjustment \_\_\_\_\_  
 Test Course run at time of repair/adjustment \_\_\_\_\_  
 Vehicle downtime caused by repair/adjustment \_\_\_\_\_ Hrs. \_\_\_\_\_ Mins.

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## Route Deviations

[illegible]

If additional space is needed to record route deviations, write on the back of this sheet.

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SSVR1 Menu Shift Activity Report (ver 2.03 ) (c) Copyright 1996 NARC Hodges Transportation Inc.  
 Project: 20238 Task: 611 File: 01070501.TXT Report Date: 07/05/2001  
 Name: RAM-D (20238) Shift Date: 07/05/20101

Path Number	Path Name	Begin	Path Time End	Data	Max	Speed (MPH) Avg	STC Dev	Path Miles
1	***UNKNOWN: Not in MASTER.POL	07/05/101 08:48:08	07/05/201 15:13:24	04:50:08	40.00	14.13	5.81	68.25
Totals				04:50:08				68.25

Path Number	P R (G) Min	P R (G) Max	Avg	RMS	Cumulative RMS G's	P R (G) Min	P R (G) Max	Avg	RMS	Cumulative RMS G's	Path T1 Cum RMS G's
1	0.00	2.92	0.34	0.43	7553.4	0.00	26.80	3.28	3.55	48830.6	81596.7
					7553.4					48830.7	81596.7

## SSVR1 MENU DETAILED REPORT

V 2.03 (11/96)

## Processing Parameters

Input File	C:\SSVR1\F0000551\01070501.TXT		
Hours / Pg	12.00000 = 12.00 hrs/pg	Date Filter	2 Years Prior
Filter Time	16.50 sec.	Order Filter	2 Passes
Filter Samples	2	Print Channels	ABCD
Project No & Task	20238 611		

## Sample File Information

Recorded Data Starts	07/05/101at 08:48:04 ( 37077.368717300 SSVR Time)		
Recorded Data Ends	07/05/101at 15:13:24 ( 37077.634306600 SSVR Time)		
Number of Samples	17,477	Number Of Signals	5
Elapsed Time	385.329 minutes	Record Time	298.792 minutes
Std Sample Interval	1.0001 seconds		
File Comment			

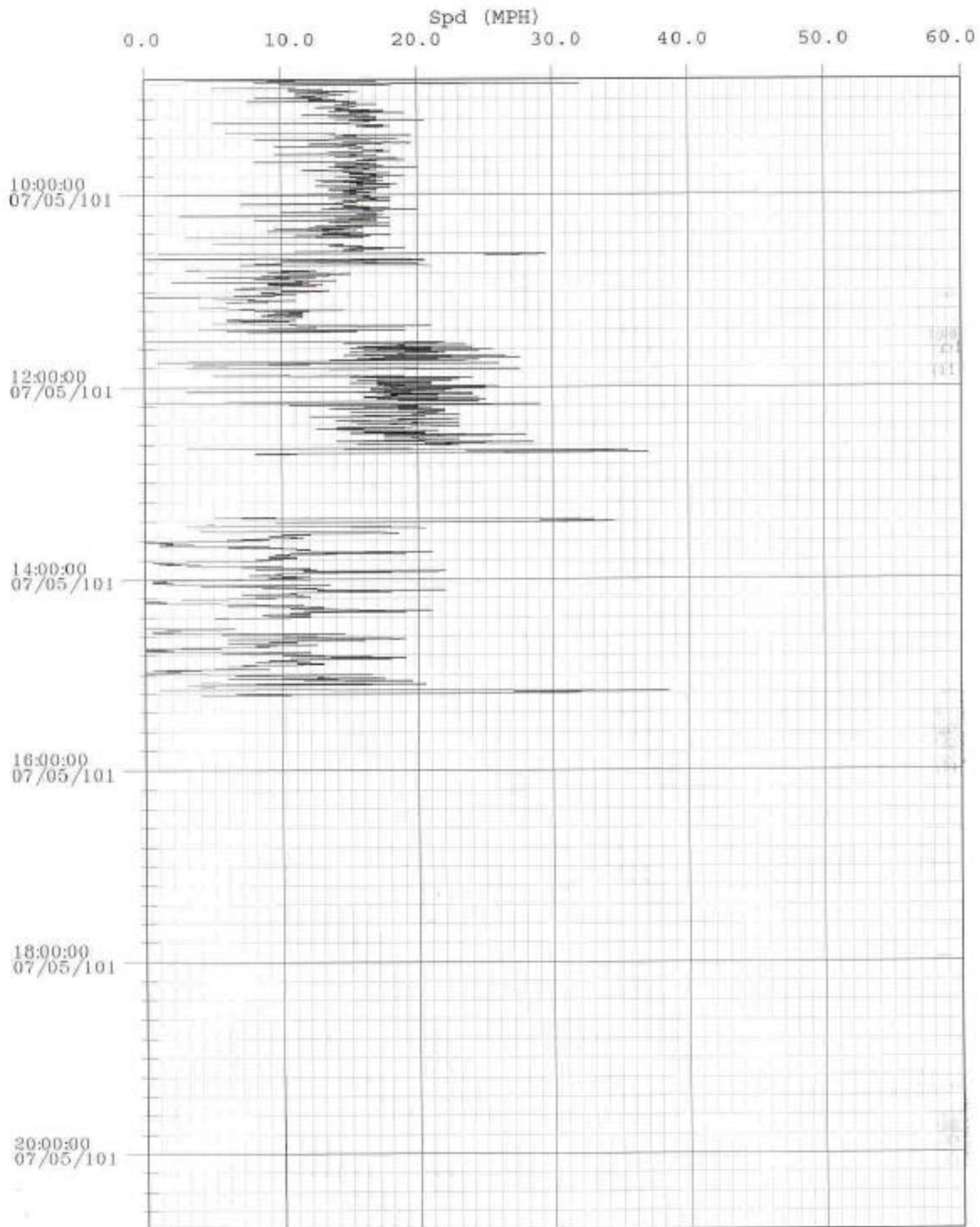
## Signal Information

Signal Name	Minimum	Maximum	Average	Integral (hr)
Spd (MPH)	0.00	40.00	14.07	68.51
F R (G)	-0.00	2.20	0.34	1.68
R R (G)	-0.00	18.90	3.26	15.96
S T (G)	0.00	1.43	0.23	1.12

Data for Project: RAM-D (20238)

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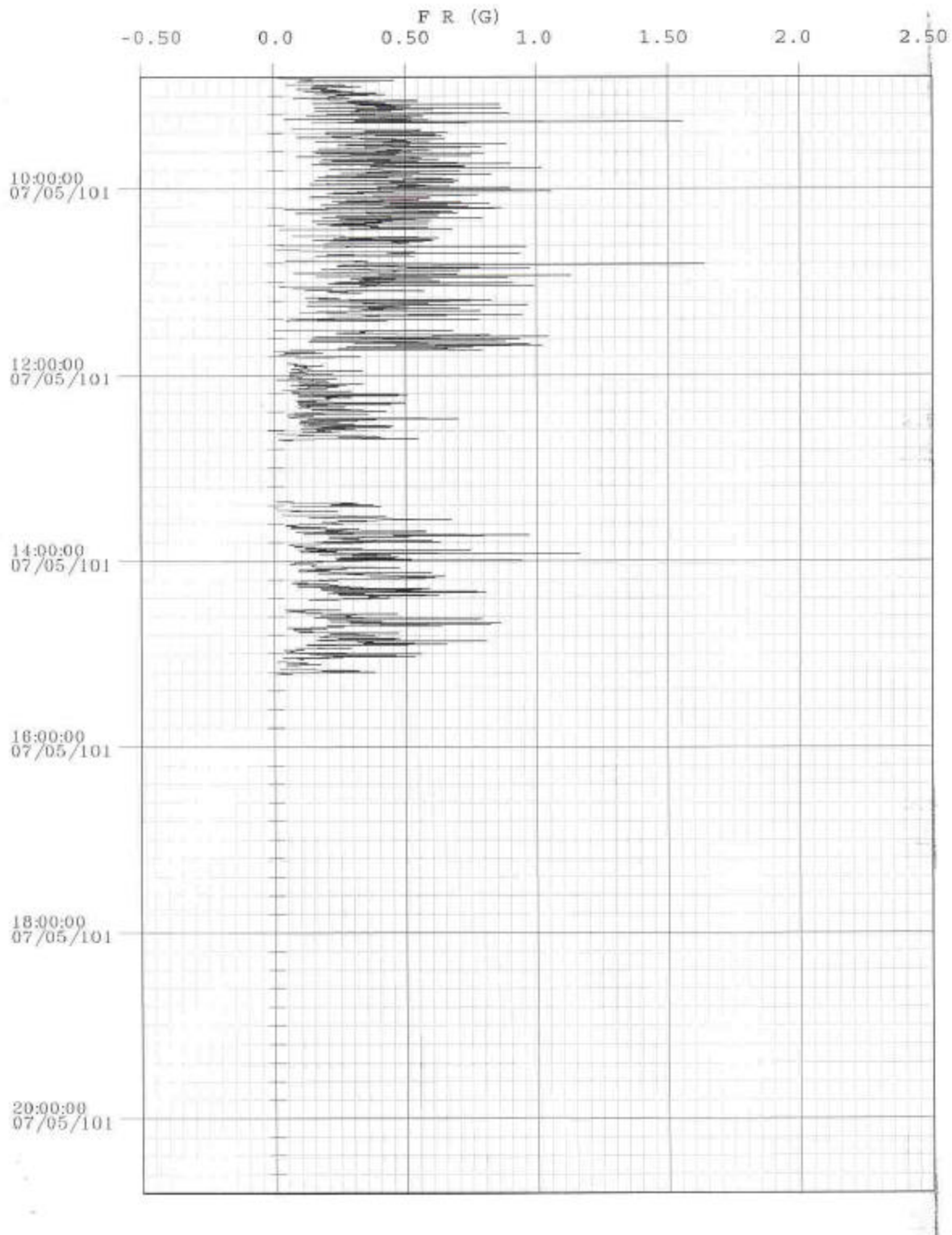
Report Date: 7/5/2001 15:30:51 Copyright 1997 Nevada Automotive Test Center, Inc. [SSVR1 Menu 2.03 (11/96)]



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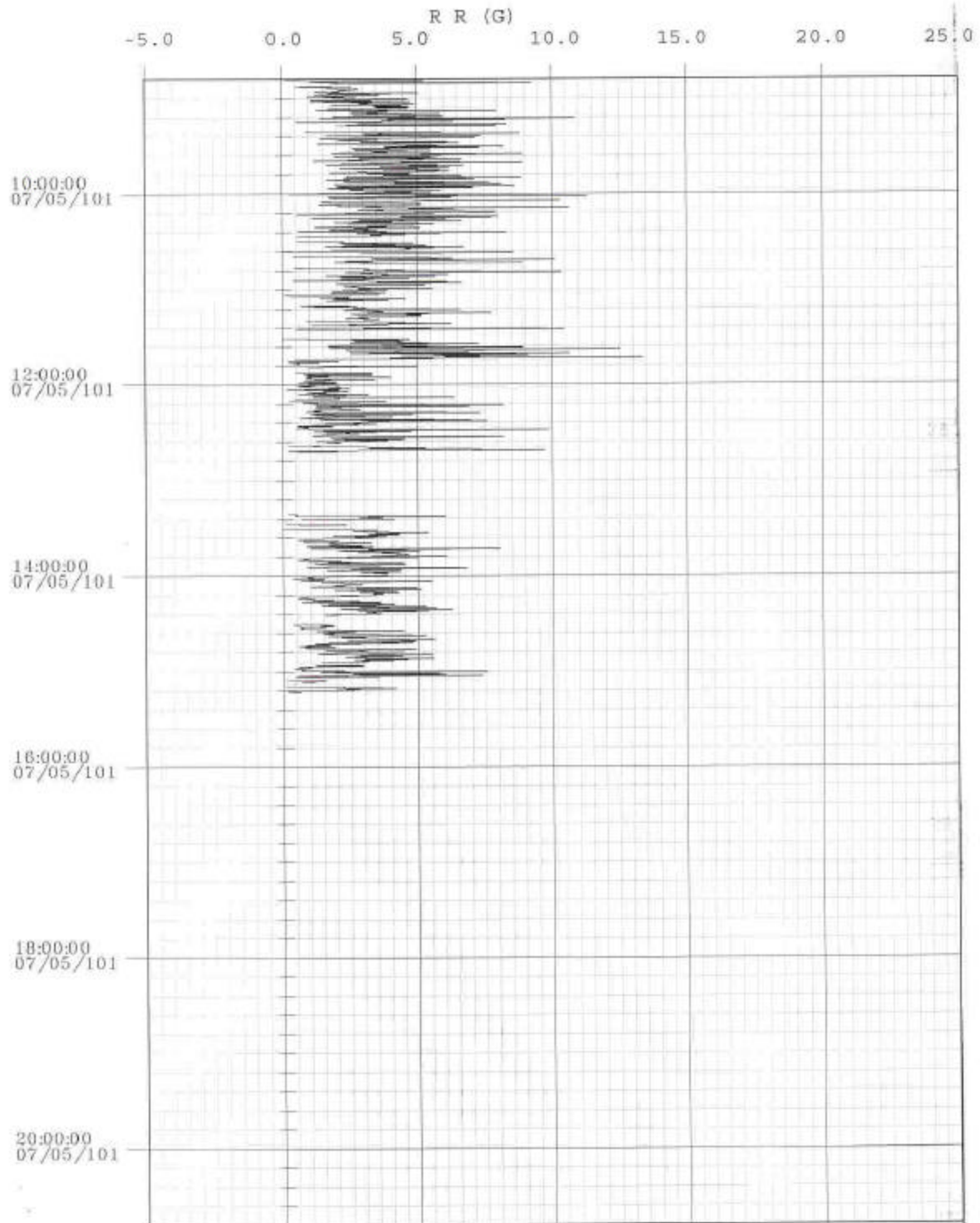
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